

Demo 065F

Fall 06 FDS

XIR1 → COURSE AUG 31 06. DAT

XIR2 → HEADCOUNT AUG 31 06. DAT

XIR3 → COLLEGE AUG 31 06. DAT

DEGREES AUG 31 06. DAT

SPDPS AUG 31 06. DAT

STUDENT AUG 31 06. DAT replaced by

STUDENT SEP 12 06. DAT per EB

TESTS AUG 31 06. DAT

SYNTAX: Colleague Demo 01242006 FALL 06 FDS.SPS

NOTE:
I do not trust these
files I believe they
are incomplete
of

trf 3

2v with

deg 3

Demo to Official Enrollment comparison.SPS

Created spreadsheet file "Demo File Caveat.xls"
to warn users of this file and its limitations.

Demo 06SF Fall 06 FDS

FILES: XIR1 → COURSE AUG 31 06.DAT
XIR2 → HEADCOUNT AUG 31 06.DAT
XIR3 → COLLEGE AUG 31 06.DAT
DEGREES AUG 31 06.DAT
SPOPS AUG 31 06.DAT
STUDENT AUG 31 06.DAT
TESTS AUG 31 06.DAT

Syntax: Colleague Demo 01242006.SPS
change

Summer II ²⁰⁰⁶ → Fall 2006 (31)

Fall 2006 Raw Data → Raw Data (28)

One Tenth Day First Day of Session (2)

Summer 2006 → Fall 2006 (28)

JUL 11 06 → AUG 31 06 (4)

064T → 06SF (25)

OTD → FDS (1)

trans 3

ands 3

Syntax: Demo to Official Enrollment comparison. SPS
Chg End of Session → First Day of
Session (1)

062E → 06SF (4)

File Information

I:\Research Data\Student Information System\First Day of Session\Demo 065F.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

12-6-06
gp

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
repace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	65	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	66	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	67	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	68	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	69	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
occdeg.2	70	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	71	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	72	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	73	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	74	Extract Date	Nominal	10	Left	A10	A10
term	75	Session	Nominal	7	Left	A7	A7
credits	76	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	77	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	78	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	79	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	80	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	81	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	82	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	83	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	84	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	85	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	86	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	87	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	88	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	89	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	90	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	91	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	- Label
immig AU	Au Pair
F1	F-1 Student
NI	Non-Immigrant
NR	Non-Resident Alien
OI	Other International
PR	Permanent Resident
RA	Resident Alien
RE	Refugee/Asylee
TR	Temporary Resident

Variable Values

Value		Label	
immig	UN	Unknown	
ethnic	AF	African American	
	AS	Asian	
	HI	Hispanic	
	NI	Native American	
	UN	Race Unknown	
	WH	White	
	rescode	INDI	In District
INDV		Virtual College In District	
INID		International In District	
INOD		International Out of District	
INOS		International Out of State	
OU DI		Out of District	
OU DV		Virtual College Out of District	
OU ST		Out of State	
OU SV		Virtual College Out of State	
REVN		Residency Verification Needed	
SCIN		Invalid Code	
SCOD		Invalid Code	
admst		CG	College Guest
		FT	First Time in Any College
	HD	Dual Enrollment	
	HG	High School Guest	
	NC	Non Credit	
	PR	Previously Attended OCC	
	TR	Transfer	
intent	DC	Obtain OCC degree or certificate	
	EN	Gain knowledge unrelated to employment	
	ER	Employment Related Knowledge	
	TA	Transfer after obtaining degree or certificate	
	TW	Transfer without obtaining degree or certificate	
	UN	Undecided	

Variable Values

Value		Label
prevdeg	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
	repace	AF
AS		Asian
HI		Hispanic
NI		Native American
NR		Non Resident Alien
UN		Race Unknown
WH		White

Cases to Variables

I:\Research Data\Student Information System\Raw Data files\Fall 2006\Transfer065F.sav

Generated Variables

Original Variable	Result	
	Name	Label
Transfer College	1	1
	2	2
	3	3
Credits from Transfer College	1	1
	2	2
	3	3

Processing Statistics

Cases In	176
Cases Out	137
Cases In/Cases Out	1.3
Variables In	9
Variables Out	13
Index Values	3

Cases to Variables

I:\Research Data\Student Information System\Raw Data files\Fall 2006\Previous OCC Degrees 065F.sav

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Month	1	awdmo.1	awdmo.1: Previous OCC Degree Month
	2	awdmo.2	awdmo.2: Previous OCC Degree Month
	3	awdmo.3	awdmo.3: Previous OCC Degree Month
Previous OCC Degree Year	1	awdyr.1	awdyr.1: Previous OCC Degree Year
	2	awdyr.2	awdyr.2: Previous OCC Degree Year
	3	awdyr.3	awdyr.3: Previous OCC Degree Year
Previous OCC Degree program	1	occdeg.1	occdeg.1: Previous OCC Degree program
	2	occdeg.2	occdeg.2: Previous OCC Degree program
	3	occdeg.3	occdeg.3: Previous OCC Degree program

Processing Statistics

Cases In	293
Cases Out	264
Cases In/Cases Out	1.1
Variables In	10
Variables Out	16
Index Values	3

****Fall 2006 First Day of Session.**

*****'Colleague DEMO 2004.SPS, January 24, 2006**

****Prior to running this syntax several Replace All commands must occur. First, the date portion**

****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.**

****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.**

****The foreign person alien status file has a different naming convention and must also be replaced.**

****Replace 'OTD' with 'otd', for example. The output file term identifier needs**

****to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount**

****file name in order to ensure that the correct extract is used for counting purposes.**

***Replace " ** of Session" sub-directory. This syntax has been change for new XIR2 headcount extract.**

***Per EB use OTD STUDENT file since FDS file is incomplete/gmf.**

GET DATA /TYPE = TXT

**/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data\STUDENTSEP1206.DAT'**

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6
resstt A2
rescntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2

gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6
'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.
SORT CASES BY
id (A) .

*To remove blanks and test accounts.
FILTER OFF.
USE ALL.
SELECT IF (id NE ' ' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065F.sav'

/COMPRESSED.

***Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected**

***alien status for students during the terms Summer 2003 until the XIR3 Colleague extract**

*** is corrected to bring in this variable from the Foreign Person file rather than the Person file.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006

\Raw Data'+

'fpalst Fall 2006 FDS.txt'

/DELCASE = LINE

/DELIMITERS = " , "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 :

VARIABLE LABELS

id 'Student ID'

fpalst 'Corrected Alien Status'.

CACHE.

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006\Foreign Person 065F.sav'

/COMPRESSED.

*** Add fpalst (Corrected Alien Status).**

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006

\Demo 065F.sav'.

**MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Foreign Person 065F.sav'
/BY id.
EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065F.sav'
/COMPRESSED.**

***Create the "Reported Race/Ethnicity" variable, which combines ethnicity with
foreign person
*alien status. State and federal reporting requirements include reporting non-
resident aliens
*as a separate race/ethnicity.**

**STRING reprice (A8).
IF (fpalst = 'Y') reprice = 'NR' .
IF (fpalst NE 'Y') reprice = ethnic .
VARIABLE LABELS reprice 'Reported Race/Ethnicity' .
EXECUTE .**

**value labels reprice 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native
American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065F.sav'
/COMPRESSED.**

***Develop the transfers file, which provides the codes for and credits earned at
other colleges
*students attended.**

**GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data'+
'\COLLEGEAUG3106.DAT'
/DELCASE = LINE**

/DELIMITERS = " , "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=

' & id NE ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Transfer065F.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Transfer065F.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Transfer065F.sav'.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065F.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006

```
\Transfer065F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall  
2006\Demo 065F.sav'  
/COMPRESSED.
```

***Develop the Previous OCC Degrees file. Note that this syntax will not work for
extract files**

***created prior to Summer II 2003 due to changes in the extract process.**

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006  
\Raw Data'+  
'\DEGREESAUG3106.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A16  
mname A15  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'
```

Iname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=

' & id NE ' ').
EXECUTE .

STRING occdeg (A12).
VARIABLE LABELS occdeg 'Previous OCC Degree program' .
IF (spec ^= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Previous OCC Degrees 065F.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Previous OCC Degrees 065F.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Previous OCC Degrees 065F.sav'.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065F.sav'.

MATCH FILES /FILE=*
**/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Previous OCC Degrees 065F.sav'**
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065F.sav'

/COMPRESSED.

***To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The**

***following syntax creates the needed variables using the same counting rules as the**

***official enrollment report. Status is the term status.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006

\Raw Data'+

'\HEADCOUNTAUG3106.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

run A10

term A7

pref A3

num F6

section A5

loc A2

syn F6

acs F4.2

strt A8

end A8

type A3

cred F4.2

cont F5.2

id a10

hmcp A2

last A13

first A11

midd A10

grde F2.1

regstat A1

stat A1

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

run 'Extract Date'
term 'Session'
pref 'Course Prefix'
num 'Course Number'
section 'Course Section Number'
loc 'Course Location'
syn ' Course Synonym'
acs 'Course Activity Classification Structure Code'
strt 'Course Start Date'
end 'Course End Date'
type 'Course Type'
cred 'Course Credit Hours'
cont 'Course Contact Hours'
id 'Student ID Number'
hmcp 'Student Home Campus'
last 'Student Last Name'
first 'Student First Name'
midd 'Student Middle Name'
grde 'Student Course Grade'
regstat 'Registration Status'
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~= ')

' & id ~= '' & id NE '0554404' & id NE '0646743' &
id NE '0646744' & id NE '0646750' & id NE '0646751'
& id NE '0643236').

EXECUTE .

*For Summer I 2005only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt NE
'07/06/05'

& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'

& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05' & strt NE '08/15/05').

*EXECUTE.

*For Summer II 2004 only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE
'05/12/04'

& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'

& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'

& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').

*EXECUTE.

*For Summer I 2006.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '06/29/06' & strt NE '06/30/06' & strt NE '07/02/06' & strt NE
'07/05/06' & strt NE '07/06/06'

& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'

& strt NE '07/18/06' & strt NE '08/14/06').

*EXECUTE.

*For Summer II 2006.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt EQ '06/29/06' OR strt EQ '06/30/06' OR strt EQ '07/02/06' OR strt
EQ '07/05/06' OR strt EQ '07/06/06'

*OR strt EQ '07/07/06' OR strt EQ '07/10/06' OR strt EQ '07/11/06' OR strt EQ
'07/12/06' OR strt EQ '07/13/06'

*OR strt EQ '07/17/06' OR strt EQ '07/18/06' OR strt EQ '07/20/06' OR strt EQ

'08/14/06').
*EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.

IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphi = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
campdw = 1.
EXECUTE .

IF (loc = 'AH') credah = cred .
IF (loc = 'HL') credhl = cred.
IF (loc = 'OR') credor = cred.
IF (loc = 'RO') credro = cred.
IF (loc = 'SF') credsf = cred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
creddw = cred.
EXECUTE .

RECODE
cred campah camphi campor campro campsf campdw credah credhl .
credor credro credsf creddw (MISSING=0) .
EXECUTE .

AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\course activity 065F.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at
Auburn Hills' = SUM(campah) /camphi 'Courses'+
' Taken at Highland Lakes' = SUM(camphi) /campor 'Courses Taken at Orchard
Ridge' = SUM(campor) /campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM

(campsf) /campdw 'Courses Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)
/credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor)
/credro 'Credits Registered at Royal Oak' =
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(ccredsf) /creddw
'Credits Registered District Wide' =
SUM(creddw).

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\course activity 065F.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.

VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf
(F8.0) / campdw (F8.0).

EXECUTE.

FORMATS multi (F8.0).

EXECUTE.

**SORT CASES BY
id (A) .**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\course activity 065F.sav'
/COMPRESSED.**

***Merge course activity into demo file.**

GET

**FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065F.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\course activity 065F.sav'
/BY id.**

EXECUTE.

***Create "FTIAC" variable.**

******Calculate FTIAC (First Time in Any College). Note the following: status refers
to active**

******status in at least one course. 'admst' (Admit Status) refers to the student's
self-reported**

******admission status, with FT being First Time in Any College. Previous Session
(prevsess)**

******null indicates no prior registration at OCC. Highest degree obtained
previously (prevdeg)**

******greater than 6 indicates high school graduate, GED, unknown, or hasn't
graduated high**

******school. Transfer college (tcoll) variables indicate activity at other colleges,
except those**

******indicated within the syntax which are Tech Prep programs at OCC. A credit
program (crprog)**

******of Guest or High School Dual Enrollment eliminates a student from being
considered as**

******first time in any college. Finally, presence of occdeg.1 (Previous OCC degree)
would indicate**

******attendance at OCC.**

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP  
DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1  
='TECH'+  
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT  
EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog  
~='GUE' & crprog ~=  
'HSG' & occdeg.1 = ' ') ftiac = 'Y' .
```

VARIABLE LABELS ftiac 'Calculated FTIAC' .
EXECUTE .

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall  
2006\Demo 065F.sav'  
/COMPRESSED.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\First Day of  
Session\Demo 065F.sav'  
/COMPRESSED.
```

File Information

[DataSet1] I:\Research Data\Student Information System\One Tenth Day\Demo 065T.sav

Variables proofed 7/13/91

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	12	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
reprace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.5	67	tcoll.5: Transfer College	Nominal	35	Left	A35	A35
tcred.5	68	tcred.5: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	69	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdyr.1	70	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.1	71	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	72	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	73	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	74	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	75	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	76	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	77	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	78	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	79	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	80	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	81	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	82	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	83	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	84	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	85	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	86	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	87	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	88	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	89	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	90	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	91	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	92	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	93	Extract Date	Nominal	10	Left	A10	A10
term	94	Session	Nominal	7	Left	A7	A7
credits	95	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	96	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	97	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	98	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	99	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	100	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	101	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	102	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	103	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	104	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	105	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	106	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
creddw	107	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	108	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	109	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	110	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White

Variable Values

Value		Label
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OU ST	Out of State
	OU SV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
intent	TR	Transfer
	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
	UN	Undecided
prevdeg	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination

Variable Values

Value	Label
repace AF	African American
AS	Asian
HI	Hispanic
NI	Native American
NR	Non Resident Alien
UN	Race Unknown
WH	White

DEMO 065T

XIR1 → COURSE SEP1206.DAT

XIR2 → HEADCOUNT SEP1206.DAT

XIR3 → COLLEGE SEP1206.DAT

DEGREES SEP1206.DAT

SPOPS SEP1206.DAT

STUDENT SEP1206.DAT

TESTS SEP1206.DAT

Syntax: Colleague Demo 01242006.SPS

replace

Summer II → Fall

Summer 2006 Fall 2006 (18)

Fall 2006 Raw Data → Raw Data (28)

JUL1106 → SEP1206 (4)

064 → 065 24

trans 5
deg 8

2✓ with

Demo to Official Enrollment comparison, SPS

****Fall 2006 One Tenth Day.**

*****Colleague DEMO 2004.SPS, January 24, 2006**

****Prior to running this syntax several Replace All commands must occur. First, the date portion**

****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.**

****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.**

****The foreign person alien status file has a different naming convention and must also be replaced.**

****Replace 'OTD' with 'otd', for example. The output file term identifier needs**

****to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount**

****file name in order to ensure that the correct extract is used for counting purposes.**

***Replace " ** of Session" sub-directory. This syntax has been change for new XIR2 headcount extract.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Fall 2006\Raw Data \STUDENTSEP1206.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14

sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'

zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC'
'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'

'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
 'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'

 'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
 'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'

 'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
 'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'

 7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'

 'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

**SELECT IF (id NE ' ' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404').**

EXECUTE .

**SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Demo 065T.sav'**

/COMPRESSED.

*Create the Student Foreign Person Alien Status variable (fpalst), which is the

corrected

*alien status for students during the terms Summer 2003 until the XIR3 Colleague extract

* is corrected to bring in this variable from the Foreign Person file rather than the Person file.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Fall 2006\Raw Data'+
'\fpalst Fall 2006 OTD.txt'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

VARIABLE LABELS

id 'Student ID'

fpalst 'Corrected Alien Status'.

CACHE.

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Foreign Person 065T.sav'

/COMPRESSED.

* Add fpalst (Corrected Alien Status).

GET

FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data\Demo
065T.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Foreign Person 065T.sav'

**/BY id.
EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Demo 065T.sav'
/COMPRESSED.**

***Create the "Reported Race/Ethnicity" variable, which combines ethnicity with
foreign person
*alien status. State and federal reporting requirements include reporting non-
resident aliens
*as a separate race/ethnicity.**

**STRING repace (A8).
IF (fpalst = 'Y') repace = 'NR' .
IF (fpalst NE 'Y') repace = ethnic .
VARIABLE LABELS repace 'Reported Race/Ethnicity' .
EXECUTE .**

**value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native
American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Demo 065T.sav'
/COMPRESSED.**

***Develop the transfers file, which provides the codes for and credits earned at
other colleges
*students attended.**

**GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Fall 2006\Raw Data'+
'\COLLEGESEP1206.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL**

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

tcoll A35

cred F8.2.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~='

' & id NE ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Transfer065T.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Transfer065T.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Transfer065T.sav'.

GET

FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data\Demo
065T.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Fall 2006\Raw Data

```
\Transfer065T.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data  
\Demo 065T.sav'  
/COMPRESSED.
```

***Develop the Previous OCC Degrees file. Note that this syntax will not work for
extract files**

***created prior to Summer II 2003 due to changes in the extract process.**

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Fall 2006\Raw Data'+  
'\DEGREESSEP1206.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A16  
mname A15  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.
```

```
VARIABLE LABELS  
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'
```

fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=

' & id NE ').
EXECUTE .

STRING occdeg (A12).
VARIABLE LABELS occdeg 'Previous OCC Degree program' .
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Previous OCC Degrees 065T.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Previous OCC Degrees 065T.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Previous OCC Degrees 065T.sav'.

GET
FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data\Demo
065T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Previous OCC Degrees 065T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\Demo 065T.sav'

/COMPRESSED.

***To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The**

***following syntax creates the needed variables using the same counting rules as the**

***official enrollment report. Status is the term status.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Fall 2006\Raw Data'+

'HEADCOUNTSEP1206.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

run A10

term A7

pref A3

num F6

section A5

loc A2

syn F6

acs F4.2

strt A8

end A8

type A3

cred F4.2

cont F5.2

id a10

hmcp A2

last A13

first A11

midd A10

grde F2.1

regstat A1

stat A1

**.
CACHE.**

EXECUTE.

FILTER OFF.

USE ALL.

VARIABLE LABELS

run 'Extract Date'

term 'Session'

pref 'Course Prefix'

num 'Course Number'

section 'Course Section Number'

loc 'Course Location'

syn ' Course Synonym'

acs 'Course Activity Classification Structure Code'

strt 'Course Start Date'

end 'Course End Date'

type 'Course Type'

cred 'Course Credit Hours'

cont 'Course Contact Hours'

id 'Student ID Number'

hmcp 'Student Home Campus'

last 'Student Last Name'

first 'Student First Name'

midd 'Student Middle Name'

grde 'Student Course Grade'

regstat 'Registration Status'

stat 'Student Status in Course'

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

' & id ~= ' ' & id NE '0554404' & id NE '0646743' &
id NE '0646744' & id NE '0646750' & id NE '0646751'
& id NE '0643236').

EXECUTE .

*For Summer I 2005only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt NE
'07/06/05'

& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'

& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05' & strt NE '08/15/05').

*EXECUTE.

*For Summer II 2004 only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE
'05/12/04'

& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'

& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'

& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').

*EXECUTE.

*For Summer I 2006.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '06/29/06' & strt NE '06/30/06' & strt NE '07/02/06' & strt NE
'07/05/06' & strt NE '07/06/06'

& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'

& strt NE '07/18/06' & strt NE '08/14/06').

*EXECUTE.

*For Summer II 2006.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt EQ '06/29/06' OR strt EQ '06/30/06' OR strt EQ '07/02/06' OR strt
EQ '07/05/06' OR strt EQ '07/06/06'

*OR strt EQ '07/07/06' OR strt EQ '07/10/06' OR strt EQ '07/11/06' OR strt EQ
'07/12/06' OR strt EQ '07/13/06'

*OR strt EQ '07/17/06' OR strt EQ '07/18/06' OR strt EQ '07/20/06' OR strt EQ

'08/14/06').
*EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.

IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
 campdw = 1.
EXECUTE .

IF (loc = 'AH') credah = cred .
IF (loc = 'HL') credhl = cred.
IF (loc = 'OR') credor = cred.
IF (loc = 'RO') credro = cred.
IF (loc = 'SF') credsf = cred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
 credw = cred.
EXECUTE .

RECODE
 cred campah camphl campor campro campsf campdw credah credhl
 credor credro credsf credw (MISSING=0) .
EXECUTE .

AGGREGATE
 /OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
 \course activity 065T.sav'
 /BREAK=id run term
 /credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at
 Auburn Hills' = SUM(campah) /camphl 'Courses'+
 ' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard
 Ridge' = SUM(campor) /campro 'Courses Taken at'+
 ' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM

(campsf) /campdw 'Courses Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)
/credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor)
/credro 'Credits Registered at Royal Oak' =
SUM(credro) /credfs 'Credits Registered at Southfield' = SUM(credfs) /creddw
'Credits Registered District Wide' =
SUM(creddw).

GET

FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data\course
activity 065T.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf
(F8.0) / campdw (F8.0).
EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

**SORT CASES BY
id (A) .**

**SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\course activity 065T.sav'
/COMPRESSED.**

***Merge course activity into demo file.**

GET

**FILE='I:\Research Data\Student Information System\Fall 2006\Raw Data\Demo
065T.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Fall 2006\Raw Data
\course activity 065T.sav'**

/BY id.

EXECUTE.

***Create "FTIAC" variable.**

******Calculate FTIAC (First Time in Any College). Note the following: status refers
to active**

******status in at least one course. 'admst' (Admit Status) refers to the student's
self-reported**

******admission status, with FT being First Time in Any College. Previous Session
(prevsess)**

******null indicates no prior registration at OCC. Highest degree obtained
previously (prevdeg)**

******greater than 6 indicates high school graduate, GED, unknown, or hasn't
graduated high**

******school. Transfer college (tcoll) variables indicate activity at other colleges,
except those**

******indicated within the syntax which are Tech Prep programs at OCC. A credit
program (crprog)**

******of Guest or High School Dual Enrollment eliminates a student from being
considered as**

******first time in any college. Finally, presence of occdeg.1 (Previous OCC degree)
would indicate**

******attendance at OCC.**

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP  
DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1  
='TECH'+  
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT  
EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog  
~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = ' ') ftiac = 'Y' .
```

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2006\Raw Data  
\Demo 065T.sav'  
/COMPRESSED.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day  
\Demo 065T.sav'  
/COMPRESSED.
```

Cases to Variables: Fall 2006 OTD

I:\Research Data\Student Information System\Fall 2006\Raw Data\Transfer065T.sav

Generated Variables

Original Variable		Result	
		Name	Label
Transfer College	1	tcoll.1	tcoll.1: Transfer College
	2	tcoll.2	tcoll.2: Transfer College
	3	tcoll.3	tcoll.3: Transfer College
	4	tcoll.4	tcoll.4: Transfer College
	5	tcoll.5	tcoll.5: Transfer College
Credits from Transfer College	1	tcred.1	tcred.1: Credits from Transfer College
	2	tcred.2	tcred.2: Credits from Transfer College
	3	tcred.3	tcred.3: Credits from Transfer College
	4	tcred.4	tcred.4: Credits from Transfer College
	5	tcred.5	tcred.5: Credits from Transfer College

Processing Statistics

Cases In	1253
Cases Out	994
Cases In/Cases Out	1.3
Variables In	9
Variables Out	17
Index Values	5

Cases to Variables

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Month	1	awdmo.1	awdmo.1: Previous OCC Degree Month
	2	awdmo.2	awdmo.2: Previous OCC Degree Month
	3	awdmo.3	awdmo.3: Previous OCC Degree Month
	4	awdmo.4	awdmo.4: Previous OCC Degree Month
	5	awdmo.5	awdmo.5: Previous OCC Degree Month
	6	awdmo.6	awdmo.6: Previous OCC Degree Month
	7	awdmo.7	awdmo.7: Previous OCC Degree Month
	8	awdmo.8	awdmo.8: Previous OCC Degree Month

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Year	1	awdyr.1	awdyr.1: Previous OCC Degree Year
	2	awdyr.2	awdyr.2: Previous OCC Degree Year
	3	awdyr.3	awdyr.3: Previous OCC Degree Year
	4	awdyr.4	awdyr.4: Previous OCC Degree Year
	5	awdyr.5	awdyr.5: Previous OCC Degree Year
	6	awdyr.6	awdyr.6: Previous OCC Degree Year
	7	awdyr.7	awdyr.7: Previous OCC Degree Year
	8	awdyr.8	awdyr.8: Previous OCC Degree Year

Generated Variables

Original Variable	Result	
	Name	Label
Previous OCC Degree program	1	occdeg.1: Previous OCC Degree program
	2	occdeg.2: Previous OCC Degree program
	3	occdeg.3: Previous OCC Degree program
	4	occdeg.4: Previous OCC Degree program
	5	occdeg.5: Previous OCC Degree program
	6	occdeg.6: Previous OCC Degree program
	7	occdeg.7: Previous OCC Degree program
	8	occdeg.8: Previous OCC Degree program

Processing Statistics

Cases In	1362
Cases Out	1208
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Fall 2006 OTD.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

9-29 ✓
af

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
dept1	39	Department	Nominal	4	Left	A4	A4
dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer II 2006 OTD.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
dept1	39	Department	Nominal	4	Left	A4	A4
dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

8/31/06-
1/8/07

DEMO 065E NonTrad. Fall 2006 EDS
check out 2005AY, 2006AY, 2007AY

head count JAN 0807. DAT

Sub-d

Raw Data

2006AY

2005AY HEADCOUNT 2005AY-JAN1107

2007AY

2006AY HEADCOUNT 2006AY-JAN0807

2007AY

2007AY HEADCOUNT 2007AY-JAN0807

↓ SPSS FILES

Non Trad

2005AY: HEADCOUNT JAN 1107 AY 2005. SAV

No STUD

2006AY: HEADCOUNT JAN 0807 AY 2006. SAV

OK

2007AY: HEADCOUNT JAN 0807 AY 2007. SAV

OK

- 2006AY

STUDENT, 2006AY, JAN0807. DAT

COLLEGE, 2006AY, JAN0807. DAT

DEGREE, 2006AY, JAN0807. DAT

- 2007AY

STUDENT, 2007AY, JAN0807. DAT

COLLEGE, 2007AY, JAN 0807. DAT

DEGREE, 2007AY, JAN0807. DAT

IM RD
2007AY

2901 OE

2900 DEMO

File Information

[DataSet3] I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E NonTrad.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrmname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Nominal	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
reprace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.5	67	tcoll.5: Transfer College	Nominal	35	Left	A35	A35
tcred.5	68	tcred.5: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	69	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2

STUDENT

→

←

COLLEGE

FPALST
CAUSE

Variables in the working file

Variable Information

Via HEADCOUNT
 Calc
 Calc
 To Course Activity
 DECREASES
 ↑
 ↓

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdyr.1	70	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.1	71	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	72	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	73	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	74	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	75	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	76	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	77	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	78	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	79	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	80	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	81	Extract Date	Nominal	10	Left	A10	A10
term	82	Session	Nominal	7	Left	A7	A7
credits	83	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	84	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	85	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	86	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	87	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	88	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	89	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	90	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	91	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	92	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	93	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	94	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	95	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	96	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	97	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	98	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	ODI	Out of District
	ODV	Virtual College Out of District
	OUST	Out of State
	OSV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
SCOD	Invalid Code	
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer

Variable Values

Value	Label	
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
repace	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	NR	Non Resident Alien
	UN	Race Unknown
WH	White	

**Fall 2006 End of Session NonTrad.
*****Copied from "Colleague DEMO 01032007.SPS", January 12, 2007.
*****The NonTrad Demo will be calculated as of the end of the credit term.
*****include registration in sections with end dates>= to credit term start date.
*****and start dates < next credit term start date.
*****Records in NT Demo with no course activity will be deleted.
*****Data files used: STUDENT file with confirmation of registration with HEADCOUNT Student Course Registration file.
*****Location: I:\Research Data\Student Information System\End of Session
*****Naming Convention: DEMOyyt NonTrad.SAV.
*****Prior to running this syntax several Replace All commands must occur. First, the date portion
*****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.
*****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.
*****The foreign person alien status file has a different naming convention and must also be replaced.

*****Start Process with 2005/AY.
*From HEADCOUNT 2005AYJAN1107, there are no student for Summer II 2006.

*****Continue with 2006/AY.
*****START WITH STUDENT FILE; SAVING AS DEMO IN WIP DIRECTORY.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY\STUDENT 2006AY JAN0807.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
fmrlname A26
fmrfname A16
fmrname A15
rescnty A6
resstt A2
rescntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
```

brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'

resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'

'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'

'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'

'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*****To prepare file for merge.

SORT CASES BY

id (A) .

*****To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id NE ' ')


```
' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'FOREIGN PERSON ALIEN STATUS' FILE.
****Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
***** is corrected to bring in this variable from the Foreign Person file rather than the Person file.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'fpalst 2006AY EOS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

```
VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.
```

```
CACHE.
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person
065E1 NonTrad.sav'
/COMPRESSED.
```

```
***** MERGE IN FPALST (Corrected Alien Status).
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 065E1
NonTrad.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'REPRACE' AND ADD TO DEMO.
*****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*****alien status. State and federal reporting requirements include reporting non-resident aliens
*****as a separate race/ethnicity.
```

```
STRING reprace (A8).
IF (fpalst = 'Y') reprace = 'NR' .
IF (fpalst NE 'Y') reprace = ethnic .
VARIABLE LABELS reprace 'Reported Race/Ethnicity' .
EXECUTE .
```

```
value labels reprace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE (TRANSFERS/COLLEGE) FILE.
*****Develop the transfers file, which provides the codes for and credits earned at other colleges
*****students attended.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
'\COLLEGE 2006AY JAN0807.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

```
VARIABLE LABELS
id 'Student ID'
```

```
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
FILTER OFF.  
USE ALL.  
SELECT IF(id ~='
```

```
' & id NE ').  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E1  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E1 NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E1  
NonTrad.sav'.
```

```
*****MERGE TRANSFER DATA INTO DEMO FILE.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E1 NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE PREVIOUS DEGREES FILE.
```

```
*****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
*created prior to Fall 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data  
2007AY'+  
'\DEGREES 2006AY JAN0807.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =
```

id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

```
' & id NE ').  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .  
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 065E1 NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 065E1  
NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 065E1 NonTrad.sav'.
```

```
*****MERGE DEGREES DATA INTO DEMO FILE.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees  
065E1 NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE TERM ACTIVITY.
```

```
**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTJAN0807AY2006.SAV
```

```
*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The  
*****following syntax creates the needed variables using the same counting rules as the  
*****official enrollment report. Status is the term status.
```

```
GET  
FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+  
'\HEADCOUNTJAN0807AY2006.SAV'.
```

FILTER OFF.
USE ALL.
SELECT IF(id ~= ')

```
' & id ~= '' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').
EXECUTE .
```

```
FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = ccred.
IF (loc = 'HL') credhl = ccred.
IF (loc = 'OR') credor = ccred.
IF (loc = 'RO') credro = ccred.
IF (loc = 'SF') credsf = ccred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
credw = ccred.
EXECUTE .
```

```
RECODE
cred campah camphl campor campro campsf campdw credah credhl
credor credro credsf credw (MISSING=0) .
EXECUTE .
```

```
AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E1
NonTrad.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
/campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses
Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
Royal Oak' =
SUM(credro) /creditsf 'Credits Registered at Southfield' = SUM(creditsf) /credw 'Credits Registered District
Wide' =
SUM(credw).
```


GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E1
NonTrad.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw
(F8.0).
EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E1
NonTrad.sav'
/COMPRESSED.

*****MERGE TERM ACTIVITY INTO DEMO FILE

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1 NonTrad.sav'.

SORT CASES BY
id (A) .

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E1
NonTrad.sav'
/BY id.
EXECUTE.
```

```
*****CREATE "FTIAC" variable.
****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
****null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)
****greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high
****school. Transfer college (tcoll) variables indicate activity at other colleges, except those
****indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)
****of Guest or High School Dual Enrollment eliminates a student from being considered as
****first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate
****attendance at OCC.
```

```
STRING ftiac (A2).
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=
'HSG' & occdeg.1 = '') ftiac = 'Y'.
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC' .
EXECUTE .
```

```
*****DELETE STUDENTS WITHOUT COURSE ACTIVITY.
FILTER OFF.
USE ALL.
SELECT IF(status = 1).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1
NonTrad.sav'
/COMPRESSED.
```

```
*****Repeat Process with 2007/AY.
*****START WITH STUDENT FILE; SAVING AS DEMO IN WIP DIRECTORY.
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY\STUDENT 2007AY JAN0807.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
```

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0

brthyr F2.0

ferpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

hscnty F7.0

hscode F6.0

hsname A27

hscity A20

hsstate A2

hsgradmo F2.0

hsgradyr F2.0

ged A1

appmo F2.0

appday F2.0

appyr F2.0

appsess A7

admst A2

intent A5

regcred F5.2

credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'

hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*****To prepare file for merge.

SORT CASES BY
id (A) .

*****To remove blanks and test accounts.

FILTER OFF.
USE ALL.
SELECT IF (id NE '

```
' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'FOREIGN PERSON ALIEN STATUS' FILE.
*****Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
***** is corrected to bring in this variable from the Foreign Person file rather than the Person file.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
'\fpalst 2007AY OTD.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

```
VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.
```

```
CACHE.
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person
065E2 NonTrad.sav'
/COMPRESSED.
```

```
***** MERGE IN FPALST (Corrected Alien Status).
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 065E2
NonTrad.sav'
/BY id.
```

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2
NonTrad.sav'
/COMPRESSED.

*****CREATE 'REPRACE' AND ADD TO DEMO.
*****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*****alien status. State and federal reporting requirements include reporting non-resident aliens
*****as a separate race/ethnicity.

STRING repace (A8).
IF (fpalst = 'Y') repace = 'NR' .
IF (fpalst NE 'Y') repace = ethnic .
VARIABLE LABELS repace 'Reported Race/Ethnicity' .
EXECUTE .

value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2
NonTrad.sav'
/COMPRESSED.

*****CREATE (TRANSFERS/COLLEGE) FILE.
*****Develop the transfers file, which provides the codes for and credits earned at other colleges
*****students attended.

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
'\COLLEGE 2007AY JAN0807.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE:
EXECUTE.

FILTER OFF.

USE ALL.
SELECT IF(id ~='

```
' & id NE ' ).  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

```
VARIABLE LABELS  
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E2  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E2 NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E2  
NonTrad.sav'.
```

```
*****MERGE TRANSFER DATA INTO DEMO FILE.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer065E2 NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE PREVIOUS DEGREES FILE.
```

```
****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files.  
*created prior to Fall 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
\DEGREES 2007AY JAN0807.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15.
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

VARIABLE LABELS

```
id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
SELECT IF(id ~=
```

```
' & id NE ' ).  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major,',',spec,',',awd) .  
IF (spec = ' ') occdeg = CONCAT (major,',',awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 065E2 NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 065E2  
NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 065E2 NonTrad.sav'.
```

```
*****MERGE DEGREES DATA INTO DEMO FILE.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees  
065E2 NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE TERM ACTIVITY.
```

```
**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTJUL0706AY2007.SAV
```

```
*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The  
*****following syntax creates the needed variables using the same counting rules as the  
*****official enrollment report. Status is the term status.
```

```
GET  
FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+
```

'HEADCOUNTJAN0807AY2007.SAV'.

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

```
' & id ~= '' & id NE '0554404' & id NE '0616743' &
  id NE '0616744' & id NE '0616750' & id NE '0616751'
  & id NE '0613236').
EXECUTE .
```

```
FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
  campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = ccred .
IF (loc = 'HL') credhl = ccred.
IF (loc = 'OR') credor = ccred.
IF (loc = 'RO') credro = ccred.
IF (loc = 'SF') credsf = ccred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
  creddw = ccred.
EXECUTE .
```

```
RECODE
  cred campah camphl campor campro campsf campdw credah credhl
  credor credro credsf creddw (MISSING=0) .
EXECUTE .
```

```
AGGREGATE
  /OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E2
  NonTrad.sav'
  /BREAK=id run term
  /credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
  (campah) /camphl 'Courses'+
  ' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
  /campro 'Courses Taken at'+
  ' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses
  Taken District Wide' =
  SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
  Highland Lakes' =
  SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
  Royal Oak' =
  SUM(credro) /creditsf 'Credits Registered at Southfield' = SUM(creditsf) /creddw 'Credits Registered District
  Wide' =
  SUM(creddw).
```

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E2
NonTrad.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .

VARIABLE LABELS status 'Student Status in Term' .

EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.

VARIABLE LABELS multi 'Attends multiple campuses'.

EXECUTE .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw
(F8.0).

EXECUTE.

FORMATS multi (F8.0).

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E2
NonTrad.sav'

/COMPRESSED.

*****MERGE TERM ACTIVITY INTO DEMO FILE

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2 NonTrad.sav'.

SORT CASES BY

id (A) .

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 065E2
NonTrad.sav'
/BY id.
EXECUTE.
```

```
*****CREATE "FTIAC" variable.
****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
****null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)
****greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high
****school. Transfer college (tcoll) variables indicate activity at other colleges, except those
****indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)
****of Guest or High School Dual Enrollment eliminates a student from being considered as
****first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate
****attendance at OCC.
```

```
STRING ftiac (A2).
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+
'DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=
'HSG' & occdeg.1 = '') ftiac = 'Y'.
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC'.
EXECUTE .
```

```
*****DELETE STUDENTS WITHOUT COURSE ACTIVITY.
FILTER OFF.
USE ALL.
SELECT IF(status = 1).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E2
NonTrad.sav'
/COMPRESSED.
```

```
*****MERGE STUDENT FILES TOGETHER and DEDUP.
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E1 NonTrad.sav'.

ADD FILES /FILE=*
/FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo'+
'065E2 NonTrad.sav'.
```


EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data'+
' files\WIP\Demo 065E NonTrad.sav'
/COMPRESSED.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = VARIABLE .

*****DETERMINE IF STUDENT IS ALSO ENROLLED IN A CREDIT COURSE.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\End of Session\Demo'+
' 065E.sav'
/RENAME (address address2 admst alien appday appmo appsess appyr area
awdmo.1 awdmo.2 awdmo.3 awdmo.4 awdmo.5 awdmo.6 awdmo.7 awdmo.8 awdyr.1
awdyr.2 awdyr.3 awdyr.4 awdyr.5 awdyr.6 awdyr.7 awdyr.8 brthda brthmo brthyr
campah campdw camppl campor campro campsf citizen city credah credatt creddw
credearn credhl credits credor credro credsf crprog ethnic ferpa fmrfname
fmrlname fmrname fname fpalst ftiac ged gender gpacreds gpapts homcmp
hscity hscnty hscode hsgradmo hsgradyr hsname hsstate immigr intent lname
mname multi ncprog occdeg.1 occdeg.2 occdeg.3 occdeg.4 occdeg.5 occdeg.6
occdeg.7 occdeg.8 phone prevdeg prevsess primlang prvcmp regcred retrace
rescntry rescnty rescodes resstt run ssn state status tcoll.1 tcoll.2 tcoll.3
tcoll.4 tcred.1 tcred.2 tcred.3 tcred.4 vetben veteran zip = d0 d1 d2 d3 d4
d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19 d20 d21 d22 d23 d24
d25
d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38 d39 d40 d41 d42 d43 d44
d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57 d58 d59 d60 d61 d62 d63
d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76 d77 d78 d79 d80 d81 d82
d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95 d96 d97 d98 d99 d100
d101 d102 d103 d104 d105) term=CredStud
/BY id
/DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19
d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37 d38
d39 d40 d41 d42 d43 d44 d45 d46 d47 d48 d49 d50 d51 d52 d53 d54 d55 d56 d57
d58 d59 d60 d61 d62 d63 d64 d65 d66 d67 d68 d69 d70 d71 d72 d73 d74 d75 d76
d77 d78 d79 d80 d81 d82 d83 d84 d85 d86 d87 d88 d89 d90 d91 d92 d93 d94 d95
d96 d97 d98 d99 d100 d101 d102 d103 d104 d105.

EXECUTE.

RECODE
CredStud ('2006/FA'='Y') (ELSE='N') .
EXECUTE .

VARIABLE LABELS CredStud 'Student is enrolled in 2006/FA'.
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 065E
NonTrad.sav'

/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\End of Session\Demo 065E NonTrad.sav'
/COMPRESSED.

*****START HERE.

*****MERGE Course Activity files together.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course'+
' activity 065E1 NonTrad.sav'.

ADD FILES /FILE=*

/FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course'+
' activity 065E2 NonTrad.sav'.

EXECUTE.

AGGREGATE

/OUTFILE='I:\Research Data\Student Information System\Raw Data'+
' files\WIP\course activity 065E NonTrad.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(credits) /campah 'Courses'+
' Taken at Auburn Hills' = SUM(campah) /camphl 'Courses Taken at Highland'+
' Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
/campro 'Courses Taken at Royal Oak' = SUM(campro) /campsf 'Courses Taken at'+
' Southfield' = SUM(campsf) /campdw 'Courses Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)
/credhl 'Credits Registered at Highland Lakes' = SUM(credhl) /credor 'Credits'+
' Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at'+
' Royal Oak' = SUM(credro) /credfs 'Credits Registered at Southfield' =
SUM(credfs) /creddw 'Credits Registered District Wide' = SUM(creddw) /status
'Student Status in Term' = MAX(status) /multi 'Attends multiple campuses' =
SUM(multi).

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course'+
' activity 065E NonTrad.sav'.

SAVE OUTFILE='I:\Research Data\Student Information System\End of'+
' Session\Student Course Registration\course activity 065E NonTrad.sav'
/COMPRESSED.

Demo File 065E Fall 2006 EDS

From Colleague Run

"KIR3" For "2006/FA"

From Colleague Query Builder

"IR STUDENTS by term.wis" creates get list for (change term + file name)

"Save Foreign Person Alien Status.wis"

Change "get list" to match name (term) created above.

Change directory and file name.

IMPORT via WebExport the following files created by "KIR3"

X_IR_EX_STUDENT_FILE_YYYYMMDD-HH-MM → STUDENTMMMDD
YY.DAT

X_IR_EX_COLLEGE_FILE_YYYYMMDD-HH-MM → COLLEGEMMMDDYY.DAT

X_IR_EX_DEGREES_FILE_YYYYMMDD-HH-MM → DEGREESMMMDDYY.DAT

X_IR_EX_SPOPS_FILE_YYYYMMDD-HH-MM → SPOPSMMMDDYY.DAT

X_IR_EX_TESTS_FILE_YYYYMMDD-HH-MM → TESTSMMMDDYY.DAT

Run SPSS syntax "Colleague Demo End of Session.SPS"
make changes to file see syntax file

Run "Demo to Official Enrollment comparison.SPS"
change term info

5 transf

8 awds

match

Rerun with EDS syntax

	multi_sum.	credits_sum	HCah_sum	HChl_sum	HCor_sum	HCro_sum	HCsf_sum	HCdw_sum
1	.00	.00	.00	.00	.00	.00	.00	.00
2	4911.00	174337.50	7535.00	4643.00	7106.00	5754.00	2971.00	1.00

	status_sum
1	.00
2	22527.00

	term	credah_sum	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1		.00	.00	.00	.00	.00	.00
2	2006/FA	50984.00	30163.50	45614.00	31809.00	15763.00	4.00

✓ ✓ ✓ ✓ ✓ ✓

*Checked ok
when ran with reg
Demo syntax*

***END OF SESSION DEMO (INCORPORATING GRADE TO DETERMINE COURSE STATUS)

**Prior to running this syntax several Replace All commands must occur. First, the date portion

**of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.

**Next, the term file in the Research Data file must be replaced, e.g. 'Fall 2004' with 'Winter 2004'.

**The foreign person alien status file has a different naming convention and must also be replaced.

**Replace 'eos' with 'eos', for example. The output file term identifier needs

**to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount

**file name in order to ensure that the correct extract is used for counting purposes.

*Replace "Updated ** of Session" sub-directory.

** Note that for Fall 2004 End of session the student demographic and headcount files are dated JAN0405.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I 2006 Raw Data\STUDENTJUL0506.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

(29) Summer 2006 → Raw Data Files / Fall 2006

Summer 2006 Raw Data
↳ Raw Data

(4) Jul 0506 → JAN0207

(24) 062E → 065E

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Fall 2006 EOS.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

9-24 ✓
op

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
dept1	39	Department	Nominal	4	Left	A4	A4
dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

File Information

I:\Research Data\Student Information System\One Tenth Day\Student Course Registration\Fall OTD 2006 Course Registrations.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Scale NOM.	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Scale NOM.	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Nominal SCALE	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

Fall 06 OTD Credit (credits) by campus.sav

	loc	cred_1	
1	AH	59663.00	✓
2	HL	34097.50	✓
3	OR	53010.00	✓
4	RO	36931.00	✓
5	SF	18107.00	✓

	run	cred_1
1	09/12/2006	201808.50 ✓

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Fall OTD 2006 HEADCOUNTSep1206 Unduplicated.SAV

Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus	Attends Districtwide Campus	Attends multiple campuses
N	Valid	24123	24123	24123	24123	24123	24123	5834
	Missing	0	0	0	0	0	0	18289

Frequency Table

Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15845	65.7	65.7	65.7
	1.00	8278	34.3	34.3	100.0
Total		24123	100.0	100.0	

Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	19110	79.2	79.2	79.2
	1.00	5013	20.8	20.8	100.0
Total		24123	100.0	100.0	

Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16282	67.5	67.5	67.5
	1.00	7841	32.5	32.5	100.0
Total		24123	100.0	100.0	

Attends Royal Oak Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	17797	73.8	73.8	73.8
1.00	6326	26.2	26.2	100.0
Total	24123	100.0	100.0	

Attends Southfield Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	20843	86.4	86.4	86.4
1.00	3280	13.6	13.6	100.0
Total	24123	100.0	100.0	

Attends Districtwide Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	24123	100.0	100.0	100.0

Attends multiple campuses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5834	24.2	100.0	100.0
Missing System	18289	75.8		
Total	24123	100.0		

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Fall FDS 2006 Course Registrations.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Fall FDS 2006
 HEADCOUNTAug3106 Unduplicated.SAV

Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus
N	Valid	24277	24277	24277	24277	24277
	Missing	0	0	0	0	0

Statistics

		Attends Districtwide Campus	Attends multiple campuses
N	Valid	24277	5906
	Missing	0	18371

Frequency Table

Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15911	65.5	65.5	65.5
	1.00	8366	34.5	34.5	100.0
Total		24277	100.0	100.0	

Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	19251	79.3	79.3	79.3
	1.00	5026	20.7	20.7	100.0
Total		24277	100.0	100.0	

Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16388	67.5	67.5	67.5
	1.00	7889	32.5	32.5	100.0
Total		24277	100.0	100.0	

Attends Royal Oak Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	17896	73.7	73.7	73.7
1.00	6381✓	26.3	26.3	100.0
Total	24277	100.0	100.0	

Attends Southfield Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	20974	86.4	86.4	86.4
1.00	3303✓	13.6	13.6	100.0
Total	24277	100.0	100.0	

Attends Districtwide Campus ✓

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	24277	100.0	100.0	100.0

Attends multiple campuses

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5906✓	24.3	100.0	100.0
Missing System	18371	75.7		
Total	24277✓	100.0		

Fall 06 FDS Credit (credits) by campus.sav

	loc	cred_1	
1	AH	60532.00	✓
2	HL	34408.50	✓
3	OR	53704.00	✓
4	RO	37489.00	✓
5	SF	18292.00	✓

	run	cred_1
1	08/31/2006	204425.50



*****END OF SESSION DEMO (INCORPORATING GRADE TO DETERMINE COURSE STATUS)**

****Prior to running this syntax several Replace All commands must occur. First, the date portion**

****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.**

****Next, the term file in the Research Data file must be replaced, e.g. 'Fall 2004' with 'Winter 2004'.**

****The foreign person alien status file has a different naming convention and must also be replaced.**

****Replace 'eos' with 'eos', for example. The output file term identifier needs**

****to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount**

****file name in order to ensure that the correct extract is used for counting purposes.**

***Replace "Updated ** of Session" sub-directory.**

**** Note that for Fall 2004 End of session the student demographic and headcount files are dated JAN0405.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006 \Raw Data\STUDENTJAN0207.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7

crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'

state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC'
'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'

'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
 'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'

 'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
 'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
 'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
 'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
 7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
 'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.
SORT CASES BY
id (A) .

*To remove blanks and test accounts.
FILTER OFF.
USE ALL.
SELECT IF (id ~=)

' & id NE ' ' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065E.sav'
/COMPRESSED.

*Create the Student Foreign Person Alien Status variable (fpalst), which is the
corrected
*alien status for students during the terms Summer 2003 until the XIR3 Colleague
extract
* is corrected to bring in this variable from the Foreign Person file rather than the
Person file.

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data'+
'\fpalst Fall 2006 EOS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .

VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Foreign Person 065E.sav'

/COMPRESSED.

*** Add fpalst (Corrected Alien Status).**

GET

**FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065E.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Foreign Person 065E.sav'**

/BY id.

EXECUTE.

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065E.sav'**

/COMPRESSED.

***Create the "Reported Race/Ethnicity" variable, which combines ethnicity with
foreign person**

***alien status. State and federal reporting requirements include reporting non-
resident aliens**

***as a separate race/ethnicity.**

STRING reprice (A8).

IF (fpalst = 'Y') reprice = 'NR' .

IF (fpalst NE 'Y') reprice = ethnic .

VARIABLE LABELS reprice 'Reported Race/Ethnicity' .

EXECUTE .

**value labels reprice 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native
American'**

'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065E.sav'**

/COMPRESSED.

***Develop the transfers file, which provides the codes for and credits earned at
other colleges**

***students attended.**

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data'+
'\COLLEGEJAN0207.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=)
```

' & id NE ' ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Transfer065E.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Transfer065E.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Transfer065E.sav'.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065E.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Transfer065E.sav'

**/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065E.sav'
/COMPRESSED.**

***Develop the Previous OCC Degrees file. Note that this syntax will not work for
extract files**

***created prior to Summer I 2003 due to changes in the extract process.**

**GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data'+
'\DEGREESJAN0207.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.**

**VARIABLE LABELS
id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'**

fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=

' & id NE ' ').
EXECUTE .

STRING occdeg (A12).
VARIABLE LABELS occdeg 'Previous OCC Degree program' .
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Previous OCC Degrees 065E.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Previous OCC Degrees 065E.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Previous OCC Degrees 065E.sav'.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065E.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Previous OCC Degrees 065E.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\Demo 065E.sav'
/COMPRESSED.

***To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The following syntax creates the needed variables using the same counting rules as the official enrollment report. Status is the term status.**

****The first set of syntax (now commented out) should be used on extracts prior to **Winter 2006. Changes made after that time are included in the second set of syntax below.**

```
*GET DATA /TYPE = TXT
* /FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data'+
* '\HEADCOUNTJUL0506.DAT'
* /DELCASE = LINE
* /DELIMITERS = ", "
*/QUALIFIER = ""
* /ARRANGEMENT = DELIMITED
* /FIRSTCASE = 2
* /IMPORTCASE = ALL
* /VARIABLES =
* run A10
* term A7
* pref A3
* num F6
* loc A2
* syn F6
* acs F4.2
* strt A8
* end A8
* type A3
* cred F4.2
* cont F5.2
* id a10
* hmcp A2
* last A13
* first A11
* midd A10
* ssn A11
* grde F2.1
```



```
* stat A1
*
*CACHE.
*EXECUTE.
*
*FILTER OFF.
*USE ALL.
*
*VARIABLE LABELS
*run 'Extract Date'
*term 'Session'
*pref 'Course Prefix'
*num 'Course Number'
*loc 'Course Location'
*syn 'Course Synonym'
*acs 'Course Activity Classification Structure Code'
*strt 'Course Start Date'
*end 'Course End Date'
*type 'Course Type'
*cred 'Course Credit Hours'
*cont 'Course Contact Hours'
*id 'Student ID Number'
*hmcp 'Student Home Campus'
*last 'Student Last Name'
*first 'Student First Name'
*midd 'Student Middle Name'
*ssn 'Student Social Security Number'
*grde 'Student Course Grade'
*stat 'Student Status in Course'
**EXECUTE.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Raw Data'+
'\HEADCOUNTJAN0207.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
```

/VARIABLES =

**run A10
term A7
pref A3
num F6
section A5
loc A2
syn A10
acs F4.2
strt A8
end A8
type A3
cred F4.2
cont F5.2
id a10
hmcp A2
last A13
first A11
midd A10
grde F2.1
regstat A1
stat A1**

**CACHE.
EXECUTE.**

**FILTER OFF.
USE ALL.**

VARIABLE LABELS

**run 'Extract Date'
term 'Session'
pref 'Course Prefix'
num 'Course Number'
section 'Course Section Number'
loc 'Course Location'
syn 'Course Synonym'
acs 'Course Activity Classification Structure Code'
strt 'Course Start Date'
end 'Course End Date'
type 'Course Type'**

cred 'Course Credit Hours'
cont 'Course Contact Hours'
id 'Student ID Number'
hmcp 'Student Home Campus'
last 'Student Last Name'
first 'Student First Name'
midd 'Student Middle Name'
grde 'Student Course Grade'
regstat 'Registration Status'
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

' & id ~= '' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').

EXECUTE .

****FOR SUMMER I**

****Select those course registrations for courses that fit into the Summer I session.
Those**

**** courses will generally fall within a fixed set of dates. If it is not possible to
evaluate**

**** whether or not the registration belongs in Summer I or Summer II by the start
date,**

**** look at the Section Number of the Course (not in this data file) Per Leanne any
10 week course starting in Summer I is Summer I..**

***FILTER OFF.**

***USE ALL.**

***SELECT IF (strt NE '06/29/06' & strt NE '07/02/06' & strt NE '07/05/06' & strt NE
'07/06/06'**

& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'

**& strt NE '07/12/06' & strt NE '07/13/06' & strt NE '07/17/06' & strt NE '07/18/06' &
strt NE '07/20/06' & strt NE '08/14/06').**

***EXECUTE.**

****FOR SUMMER II**

****Select those course registrations for courses that fit into the Summer II session.
Those**

**** courses will generally fall within a fixed set of dates. If it is not possible to
evaluate**

**** whether or not the registration belongs in Summer I or Summer II by the start
date,**

**** look at the Section Number of the Course (not in this data file).**

****FILTER OFF.**

****USE ALL.**

****SELECT IF (strt = '07/01/05' | strt = '07/03/05' | strt = '07/05/05' | strt = '07/06/05' |
strt = '07/07/05' | strt = '07/08/05'**

****| strt = '07/11/05' | strt = '07/12/05' | strt = '07/13/05' | strt = '07/21/05' | strt =
'08/15/05').**

****EXECUTE.**

*Include students in Summer I (15 week grades concerns).
*FILTER OFF.
*USE ALL.
*SELECT IF(grde > -1 or (MISSING(grde) and (regstat = 'A' OR regstat 'N')).
*EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(grde > - 1 | (MISSING(grde) & (regstat = 'A' | regstat = 'N'))).
EXECUTE .

IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
campdw = 1.
EXECUTE .

IF (loc = 'AH') credah = cred .
IF (loc = 'HL') credhl = cred.
IF (loc = 'OR') credor = cred.
IF (loc = 'RO') credro = cred.
IF (loc = 'SF') credsf = cred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
creddw = cred.
EXECUTE .

RECODE
cred campah camphl campor campro campsf campdw credah credhl
credor credro credsf creddw (MISSING=0) .
EXECUTE .

AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\course activity 065E.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at

Auburn Hills' = SUM(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard
Ridge' = SUM(campor) /campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM
(campsf) /campdw 'Courses Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)
/credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor)
/credro 'Credits Registered at Royal Oak' =
SUM(credro) /credfs 'Credits Registered at Southfield' = SUM(credfs) /creddw
'Credits Registered District Wide' =
SUM(creddw).

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\course activity 065E.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

**SORT CASES BY
id (A) .**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Fall
2006\course activity 065E.sav'
/COMPRESSED.**

***Merge course activity into demo file.**

GET

**FILE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\Demo 065E.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Fall 2006
\course activity 065E.sav'**

/BY id.

EXECUTE.

***Create "FTIAC" variable.**

******Calculate FTIAC (First Time in Any College). Note the following: status refers
to active**

******status in at least one course. 'admst' (Admit Status) refers to the student's
self-reported**

******admission status, with FT being First Time in Any College. Previous Session
(prevsess)**

******null indicates no prior registration at OCC. Highest degree obtained
previously (prevdeg)**

******greater than 6 indicates high school graduate, GED, unknown, or hasn't
graduated high**

******school. Transfer college (tcoll) variables indicate activity at other colleges,
except those**

******indicated within the syntax which are Tech Prep programs at OCC. A credit
program (crprog)**

******of Guest or High School Dual Enrollment eliminates a student from being
considered as**

******first time in any college. Finally, presence of occdeg.1 (Previous OCC degree)
would indicate**

******attendance at OCC.**

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP  
DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1  
='TECH'+  
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT  
EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog  
~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = ' ') ftiac = 'Y' .
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC' .  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\End of Session  
\Demo 065E.sav'  
/COMPRESSED.
```